

FORM PTO-1449 (Modified) (REV. 7-80)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY. DOCKET NO. 031676.0212	APPLICATION NO. 09/839,536
LIST OF REFERENCES CITED BY APPLICANT (Use several sheets if necessary)		APPLICANT Kirk Emil APT et al.	
		FILING DATE April 23, 2001	GROUP 1645

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	SERIAL NO.	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
/ML/	1.	5 1 3 0 2 4 2	07/14/92	Barclay			
	2.	5 1 0 0 7 9 2	03/31/92	Sanford et al.			
	3.	5 2 4 4 9 2 1	09/14/93	Kyle et al.			
	4.	5 3 7 4 6 5 7	12/20/94	Kyle			
	5.	5 3 9 7 5 9 1	03/13/95	Kyle et al.			
	6.	5 4 0 7 9 5 7	04/18/95	Kyle et al.			
	7.	5 4 9 2 9 3 8	02/20/96	Kyle et al.			
	8.	5 5 5 0 1 5 6	08/27/96	Kyle			
	9.	5 5 6 7 7 3 2	10/22/96	Kyle et al.			
	10.	5 6 5 8 7 6 7	08/19/97	Kyle			

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*EXAMINER INITIAL	SERIAL NO.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
/ML/	11.	97 3 9 1 0 6	10/23/97	WIPO				
/ML/	12.	0 1 0 8 5 8 0	05/16/84	Europe				
/ML/	13.	3 0 7 6 5 8 3	04/02/91	Japan (w/Engl Abstract)				X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

/ML/	14.	Apt, K.E., et al., "Commercial Developments in Microalgal Biotechnology," <i>J. Phycol.</i> , 35:215-226 (1999).
	15.	Chen, Feng, "High Cell Density Culture of Microalgae in Heterotrophic Growth," <i>TibTech</i> , 14:421-426 (1996).
	16.	Dunahay, Terri G., "Genetic Transformation of the Diatoms <i>Cyclotella Cryptica</i> and <i>Navicula Saprophila</i> ," <i>J. Phycol.</i> , 31:1004-1012 (1995).
	17.	Fischer, Harald, et al., "Targeting and Covalent Modification of Cell Wall and Membrane Proteins Heterologously Expressed in the Diatom <i>Cylindrotheca Fusiformis</i> (Bacillariophyceae)," <i>J. Phycol.</i> , 35:113-120 (1999).
	18.	Stevens, David R., "Genetic Engineering of Eukaryotic Algae: Progress and Prospects," <i>J. Phycol.</i> , 33:713-722 (1997).
	19.	Caspari, Thomas, et al., "Hexose/H ⁺ Symporters in Lower and Higher Plants," <i>J. Exp. Biol.</i> , 196:483-491 (1994).

EXAMINER /Maria Leavitt/	DATE CONSIDERED 01/26/2009
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/ML/	20.	08/26/97	Dunahay et al.			
/ML/	21.	01/27/98	Kyle et al.			
/ML/	22.	02/22/00	Allnutt et al.			

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/ML/	23.	Amla, D.V., et al., "Metabolic Changes Associated with Cyanophage N-1 Infection of the Cyanobacterium <i>Nostoc Muscorum</i> ," <i>Arch. Microbiol.</i> , 148:321-327 (1987).
↓	24.	Beuf, Laurent, et al., "A Protein Involved in Co-Ordinated Regulation of Inorganic Carbon and Glucose Metabolism in the Facultative Photoautotrophic Cyanobacterium <i>Synechocystis</i> PCC6803," <i>Plant Molecular Biology</i> , 25:855-864 (1994).
↓	25.	Chang, Yee-yung, et al., "Structure-Function Relationships of Cyanobacterial ADP-Glucose Pyrophosphorylase," <i>The Journal of Biological Chemistry</i> , 269(39):24107-24118 (1994).
↓	26.	Dunahay, Terri G., et al., "Genetic Engineering of Microalgae for Fuel Production," <i>Applied Biochemistry and Biotechnology</i> , 34/35:331-339 (1992).
↓	27.	Hallmann, Armin, et al., "The <i>Chlorella</i> Hexose/H ⁺ Symporter is a Useful Selectable Marker and Biochemical Reagent When Expressed in <i>Volvox</i> ," <i>Proc. Natl. Acad. Sci. USA</i> , 93:669-673 (1996).
↓	28.	Caceres, Odecio, "Some Features on the Growth of <i>Microcystis Aeruginosa</i> Kuetz, Emend, Elenkin in ASM- Medium," <i>Rev. Microbiol.</i> , Sao Paulo, 19(3):223-228 (1988).
↓	29.	Matsuoka, Makoto, et al., "Expression of Photosynthetic Genes from the C ₄ Plant, Maize, in Tobacco," <i>Mol. Gen. Genet.</i> , 225:411-419 (1991).
↓	30.	Walmsley, A.R., et al., "Sugar Transporters from bacteria, Parasites and Mammals: Structure-Activity Relationships," <i>Trends Biochem. Sci.</i> , 23(12):476-481 (1998). Abstract Only.
↓	31.	Barrett, M.P., et al., "Trypanosome Glucose Transporters," <i>Mol. Biochem. Parasitol.</i> , 91(1):195-205 (1998). Abstract Only.
↓	32.	Mueckler, M., et al., "Sequence and Structure of a Human Glucose Transporter," <i>Science</i> , 6:941-945 (1985).

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OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)	
/ML/	33. Milbrandt, B., et al., "Glucose-Transport-Deficient Mutants of Schizosaccharomyces Pombe: Phenotype, Genetics and Use for Genetic Complementation," <i>Microbiology</i> , 140:2617-2623 (1994). Abstract Only.
↓	34. Henderson, P.J., "The Homologous Glucose Transport Proteins of Prokaryotes and Eukaryotes," <i>Res. Microbiol.</i> , 141(3):316-328 (1990). Abstract Only.
↓	35. Kruckeberg, A.L., "The Hexose Transporter Family of Saccharomyces Cerevisiae," <i>Arch. Microbiol.</i> , 166(5):283-292 (1996). Abstract Only.
↓	36. Bisson, L.F. et al., "Yeast Sugar Transporters," <i>Crit. Rev. Biochem. Mol. Biol.</i> , 28(4):259-308, (1993). Abstract Only.
↓	37. Apt. K. E., et al., "Stable Nuclear Transformation of the Diatom <i>Phaeodactylum Tricornutum</i> , <i>Mol. Gen. Genet.</i> , 252:572-579 (1996).
↓	38. Cossar, J.D., "Thioredoxin as a Modulator of Glucose-6-Phosphate Dehydrogenase in a N2-Fixing Cyanobacterium," <i>Journal of General Microbiology</i> , 130:991-998 (1984).
↓	39. Chang, Yee-yung, "Mutagenesis of an Amino Acid Residue in the Activator-Binding Site of Cyanobacterial ADP-Glucose Pyrophosphorylase Causes Alteration in Activator Specificity," <i>Archives of Biochemistry and Biophysics</i> , 318(2):476-480 (1995).
↓	40. Stevens, D.R., et al., "Development of a Dominant Selectable Marker for Nuclear Transpormation of <i>Chlamydomonas Reinhardtii</i> , <i>Journal of Experimental Botany</i> , 46:37 (1995).
↓	41. Broedel, Sheldon E., "Growth-Phase-Dependent Induction of 6-Phosphogluconate Dehydrogenase and Glucose 6-Phosphate Dehydrogenase in the Cyanobacterium <i>Synechococcus</i> sp. PCC7942," <i>Gene</i> , 109:71-70 (1991).
↓	42. Adhikary, S.P., "Utilization of Organic Substrates by Two Filamentous Cyanobacteria Under Various Growth Conditions," <i>Acta. Microbiologica Hunderica</i> , 35:101-106 (1988).

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